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Docket No. 2976-4044US1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): T. KEITH et al.

Group Art Unit: 1636

Serial No.: 10/021,698

Examiner: Sullivan, Daniel M.

Filed: October 22, 2001

For: NUCLEOTIDE AND AMINO ACID SEQUENCES RELATING TO RESPIRATORY DISEASES AND OBESITY

**EXPRESS MAIL CERTIFICATE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Date of Deposit: February 26, 2004

I hereby certify that the following attached paper(s) and/or fee

1. Supplemental Information Disclosure Statement;
2. PTO-Form 1449 with copies of all references;
3. A return receipt postcard.

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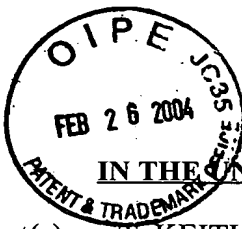
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
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Sir:

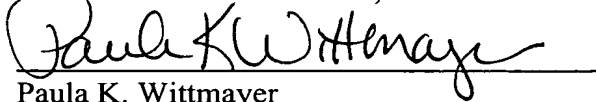
Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached ☐ were filed in related application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.

- ☐ This document is being filed within three (3) months of the filing date of the application
- ☐ A check for the requisite fee of \$180 is enclosed.
- ☐ This document is being concurrently filed with the above-identified application
- ☐ This document is being concurrently filed with an Request for Continued Examination (RCE)
- ☒ This document is being filed prior to a first Office Action
- ☐ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 2976-4044US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: February 26, 2004

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FORM PTO-1449

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**INFORMATION DISCLOSURE CITATION**
**U.S. PATENT DOCUMENTS**

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
						<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, etc.)**

✓	G. N. Buell et al., "Gene Structure and Chromosomal Localization of the Human P2X <sub>7</sub> Receptor," <i>Receptors and Channels</i> , 5:347-354, 1998.
✓	B. Gu et al., "Adenosine Triphosphate-Induced Shedding of CD23 and L-Selectin (CD62L) From Lymphocytes Is Mediated by the Same Receptor but Different Metalloproteases," <i>BLOOD</i> , 92(3): 946-951, 1 August 1998.
✓	B. J. Gu et al., "A Glu-496 to Ala Polymorphism Leads to Loss of Function of the Human P2X <sub>7</sub> Receptor," <i>J Bio Chem</i> , 276(14):11135-11142, 6 April 2001.
✓	O. K. Nihei et al., "Procedures to Characterize and Study P <sub>2z</sub> /P2X <sub>7</sub> Purinoceptor: Flow Cytometry as a Promising Practical, Reliable Tool," <i>Mem Inst Oswaldo Cruz</i> , 95(3):415-428, May/June 2000.
✓	E. S. Schulman et al., "ATP Modulates Anti-IgE-Induced Release of Histamine from Human Lung Mast Cells," <i>Am J Respir Cell Mol Biol</i> , 20: 530-537, 1999.
✓	M. Solle et al., "Altered Cytokine Production in Mice Lacking P2X <sub>7</sub> Receptors," <i>J Biol Chemistry</i> , 276(1):125-132, 5 January 2001.
✓	A. Surprenant et al., "The Cytolytic P <sub>2z</sub> Receptor for Extracellular ATP Identified as a P <sub>2x</sub> Receptor (P2X <sub>7</sub> )," <i>Science</i> , 272:735-738, 3 May 1996.

Examiner

Date Considered

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Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.